

Amendment to the Specification

Please amend the paragraph on page 9, beginning on line 9, as follows:

Fig. 3A illustrates a schematic view of one preferred embodiment of the invention. As shown in Fig. 3A, an evaporation chamber 302 is connected to a condensation chamber 304 by a vapor pipe 306 and a fluid pipe 308. A heat source is located below the evaporation chamber 302 to provide heat energy 326 to the evaporation chamber 302. The evaporation chamber 302, the condensation chamber 304, the vapor pipe 306 and the fluid pipe 308 can be integrally or separately formed.

Please amend the paragraph on page 10, beginning on line 8, as follows:

The work fluid 322 fills the condensation chamber 304. A drawing area ~~304~~320 is located inside the condensation chamber 304, and the drawing area ~~304~~320 is connected to fluid pipe 308. The drawing area ~~304~~320 and the fluid pipe ~~304~~308 both have the porous structure inside. After the evaporation chamber 302 receiving the heat energy 326 of the heat source (as illustrated in Fig. 3A), the work fluid contained by the porous structure 312 of the evaporation chamber 302 is evaporated to vapor by heat energy and then flows according the direction of the gas channel 314. An end ~~318~~316 of the gas channel 314 which is near the fluid pipe 308 is closed by the porous structure 312, and another end ~~316~~318 of the gas channel 314 which is near the vapor pipe 306 is connected to the vapor pipe 306 to limit the flow direction of the vapor in the gas channel 314. Owing to the pressure drop between the two chambers 302 and 304, the vapor moves from the evaporation chamber 302 to the condensation chamber 304 through a vapor pipe 306, and then is condensed to the work fluid because of the lower temperature.